

# EUROPEAN PATENT OFFICE

AD

Patent Abstracts of Japan

PUBLICATION NUMBER : 07133211  
PUBLICATION DATE : 23-05-95

APPLICATION DATE : 11-11-93  
APPLICATION NUMBER : 05282391

APPLICANT : FUJI SHIKISO KK;

INVENTOR : UEDA TSUTOMU;

INT.CL. : A61K 7/02 B01J 13/04 C09C 3/06 C09C 3/08

TITLE : PIGMENT FOR COLOR COSMETIC

ABSTRACT : PURPOSE: To provide a cosmetic pigment coated in a state to prevent the exposure of the pigment to the surface and provide a process for the production of the pigment.

CONSTITUTION: The cosmetic pigment is produced by coating the surface of an inorganic substrate having smooth surface or an inorganic substrate having spherical form with a metal oxide gel containing an inorganic pigment or an organic pigment. The metal oxide gel is produced from a starting solution containing a metal alkoxide (e.g. tetraethoxysilane), water, an acid and an alcohol by a sol-gel method.

COPYRIGHT: (C)1995,JPO

AN - 2001-229324 [24]

AP - JP19990189163 19990702; [Previous Publ. JP2001011342 ]

CPY - FUJI-N

DC - A60 D21 G01 G02 G03

FS - CPI

IC - A61K7/00 ; A61K7/02 ; A61K7/42 ; C08K9/02 ; C09C3/12 ; C09D7/12 ; C09J201/00

MC - A08-E02 D08-B G01-A06 G01-B02 G03-B01 G03-B02

PA - (FUJI-N) FUJI SHIKISO KK

PN - JP3414676B2 B2 20030609 DW200345 C09C3/12 009pp

- JP2001011342 A 20010116 DW200124 C09C3/12 010pp

PR - JP19990189163 19990702

XA - C2001-068844

XIC - A61K-007/00 ; A61K-007/02 ; A61K-007/42 ; C08K-009/02 ; C09C-003/12 ; C09D-007/12 ; C09J-201/00

AB - JP2001011342 NOVELTY - Pigment coated with modified silica comprises inorganic pigment excepting zinc oxide, titanium oxide, cerium oxide and zirconium oxide, or organic pigment the surface of which is coated with 5 wt.% - 100 wt.% silica type material The inner layer of the coated layer comprises silica and the outer layer comprises alkyl modified silica.

- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for (i) a method for producing the pigment comprising dispersing inorganic pigment, or organic pigment in organic medium using dispersant, reacting tetraalkoxysilane in the dispersing medium to perform sol-gel reaction and then adding alkyl alkoxy silane to the medium to perform sol-gel reaction; and (ii) cosmetics, paint, adhesive, resin molded articles blended with the pigment.

- USE - The composition containing the pigment are useful as cosmetics, paint, adhesive, resin composition, etc

- (Dwg.0/0)

IW - PIGMENT COATING MODIFIED SILICA COSMETIC PAINT ADHESIVE RESIN COMPOSITION INNER COATING LAYER COMPRIZE SILICA OUTER LAYER COMPRIZE ALKYL MODIFIED SILICA

IKW - PIGMENT COATING MODIFIED SILICA COSMETIC PAINT ADHESIVE RESIN COMPOSITION INNER COATING LAYER COMPRIZE SILICA OUTER LAYER COMPRIZE ALKYL MODIFIED SILICA

NC - 001

OPD - 1999-07-02

ORD - 2001-01-16

PAW - (FUJI-N) FUJI SHIKISO KK

TI - Pigment coated with modified silica, for cosmetics, paint, adhesive, resin composition, etc., where inner coated layer comprises silica and outer layer comprises alkyl modified silica

A01 - [001] 018 ; P0000

- [002] 018 ; ND00 ; Q9999 Q6644-R ; Q9999 Q7158-R Q7114

- [003] 018 ; G2915-R D00 F20 Fe 8B Tr O- 6A ; R04232 G2915 D00 F20 Fe 8B Tr O- 6A ; R01694 D00 F20 O- 6A Si 4A ; A999 A102 A077 ; A999 A759 ; A999 A771